

Machine Learning and Data Science

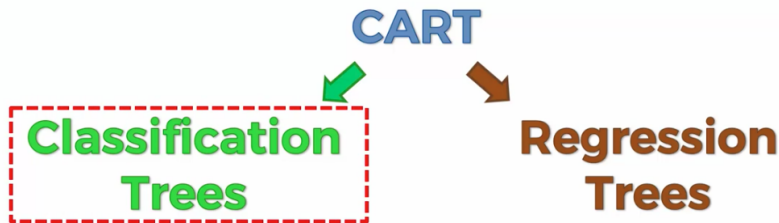
Arbre de décision (Decision Tree)

Bassem Ben Hamed

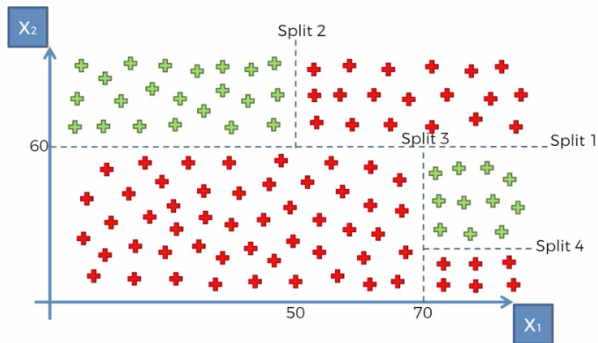
Juillet 2018

Decision Tree Intuition

Decision Tree Intuition



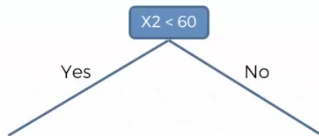
Decision Tree Intuition



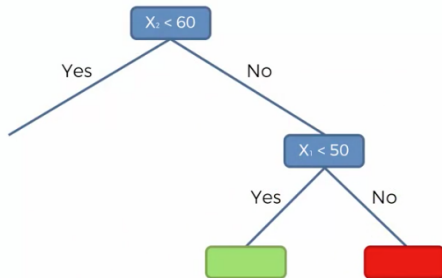
Decision Tree Intuition

Rewind...

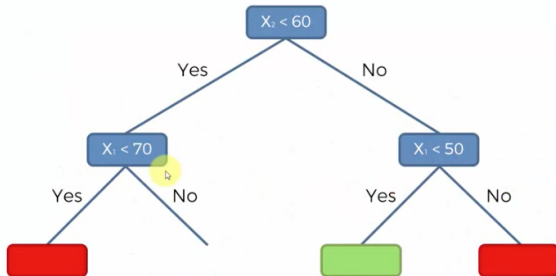
Split 1



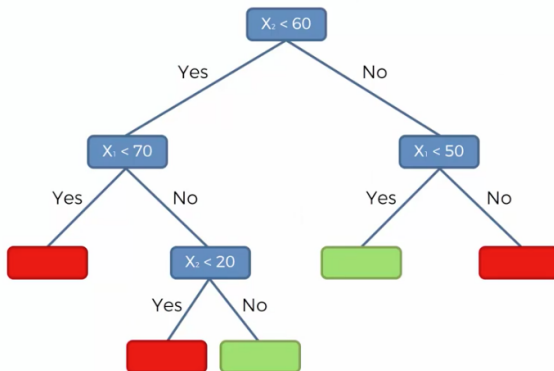
Split 2



Split 3



Split 4



Decision Trees

- **Old Method**
- **Reborn with upgrades**
- **Random Forest**
- **Gradient Boosting**
- **etc.**